Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044226.D
Acq On : 27 Jan 2020 22:05
Operator : CG/JU
Sample : L1269-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-22-21-COMPMS

Manual Integrations APPROVED
mohammad
1/28/2020 1:12:47 PM

Quant Time: Jan 28 02:27:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82560	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	376121	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	251694	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	528240	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	452170	20.00	ng		-0.03
87) Perylene-d12	24.67	264	523417	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	594988	132.32	ng		-0.03
7) Phenol-d6	7.10	99	800926	127.43	ng		-0.02
23) Nitrobenzene-d5	9.09	82	475609	67.65	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	316635	120.21	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1043872	75.14	ng		-0.04
79) Terphenyl-d14	19.93	244	1495835	78.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	76937	39.243	ng		95
3) Pyridine	3.79	79	196556	33.937	ng		93
4) n-Nitrosodimethylamine	3.70	42	105038	40.735	ng		97
6) Aniline	7.25	93	146584	17.756	ng		97
8) 2-Chlorophenol	7.49	128	275054	52.106	ng		95
9) Benzaldehyde	7.06	77	126366	31.413	ng		100
10) Phenol	7.13	94	352778	54.477	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	241065	43.125	ng		98
12) 1,3-Dichlorobenzene	7.82	146	269080	43.560	ng		99
13) 1,4-Dichlorobenzene	7.96	146	269704	44.251	ng		99
14) 1,2-Dichlorobenzene	8.29	146	259125	44.294	ng		100
15) Benzyl Alcohol	8.17	79	221189	44.591	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	324555	37.529	ng		99
17) 2-Methylphenol	8.38	107	232581	49.631	ng		99
18) Hexachloroethane	9.02	117	99845	42.100	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	193428	41.325	ng		97
20) 3+4-Methylphenols	8.70	107	321275	49.144	ng		98
22) Acetophenone	8.75	105	369788	39.547	ng	#	97
24) Nitrobenzene	9.13	77	277502	39.851	ng		98
25) Isophorone	9.65	82	537816	40.773	ng		100
26) 2-Nitrophenol	9.84	139	151397	45.954	ng		96
27) 2,4-Dimethylphenol	9.91	122	262014	52.833	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	347183	39.480	ng		99
29) 2,4-Dichlorophenol	10.38	162	275088	46.502	ng		97
30) 1,2,4-Trichlorobenzene	10.60	180	270045	40.714	ng		98
31) Naphthalene	10.78	128	806789	44.327	ng		99
32) Benzoic acid	10.06	122	106120	29.110	ng		96
33) 4-Chloroaniline	10.88	127	90542	10.430	ng		95
34) Hexachlorobutadiene	11.08	225	157833	38.974	ng		100
35) Caprolactam	11.65	113	100343m	45.565	ng		
36) 4-Chloro-3-methylphenol	12.02	107	292175	46.396	ng		97
37) 2-Methylnaphthalene	12.39	142	606448	44.257	ng		97
38) 1-Methylnaphthalene	12.61	142	577512	44.468	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	296934	40.250	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	324563	84.862	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	214738	42.304	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	231789	44.274	ng		99
46) 1,1'-Biphenyl	13.40	154	773736	42.876	ng		98
47) 2-Chloronaphthalene	13.44	162	608235	41.710	ng		97
48) 2-Nitroaniline	13.64	65	180306	38.439	ng		95
49) Acenaphthylene	14.29	152	958924	45.752	ng		97
50) Dimethylphthalate	14.02	163	896456	50.162	ng		99
51) 2,6-Dinitrotoluene	14.13	165	176764	43.761	ng		95
52) Acenaphthene	14.63	154	600495	40.854	ng		98
53) 3-Nitroaniline	14.46	138	81884	17.851	ng		97
54) 2,4-Dinitrophenol	14.67	184	139996	68.851	ng		98
55) Dibenzofuran	14.97	168	924058	45.668	ng		97
56) 4-Nitrophenol	14.79	139	308128	87.660	ng		94
57) 2,4-Dinitrotoluene	14.93	165	240823	43.816	ng		99
58) Fluorene	15.61	166	723893	45.137	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	206717	45.918	ng		95
60) Diethylphthalate	15.39	149	780570	43.669	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	381043	43.756	ng		97
62) 4-Nitroaniline	15.63	138	173314	38.261	ng		94
63) Azobenzene	15.90	77	715970	43.191	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130260	47.874	ng		94
66) n-Nitrosodiphenylamine	15.82	169	672922	43.258	ng		98
67) 4-Bromophenyl-phenylether	16.50	248	248209	41.778	ng		98
68) Hexachlorobenzene	16.62	284	266403	41.614	ng		96
69) Atrazine	16.77	200	251714	49.780	ng		99
70) Pentachlorophenol	16.97	266	273685	77.554	ng		99
71) Phenanthrene	17.35	178	1116742	44.075	ng		99
72) Anthracene	17.45	178	1158562	46.268	ng		98
73) Carbazole	17.71	167	1023423	44.246	ng		97
74) Di-n-butylphthalate	18.28	149	1268206	42.944	ng		97
75) Fluoranthene	19.36	202	1292875	44.618	ng		96
77) Benzidine	19.54	184	339066	29.833	ng		97
78) Pyrene	19.72	202	1290067	43.709	ng		96
80) Butylbenzylphthalate	20.61	149	592423	42.160	ng		96
81) Benzo(a)anthracene	21.54	228	1237877	44.150	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	242258	21.870	ng		98
83) Chrysene	21.61	228	1185620	44.503	ng		97
84) Bis(2-ethylhexyl)phthalate	21.47	149	842935	43.475	ng		98
85) Di-n-octyl phthalate	22.64	149	1467303	45.015	ng		96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1551924	42.864	ng	#	89
88) Benzo(b)fluoranthene	23.69	252	1328077	42.920	ng		98
89) Benzo(k)fluoranthene	23.75	252	1274290	43.307	ng		99
90) Benzo(a)pyrene	24.53	252	1216922	41.668	ng		98
91) Dibenzo(a,h)anthracene	28.26	278	1271453	43.349	ng		97
92) Benzo(g,h,i)perylene	29.30	276	1301689	44.679	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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